Release in full

HUBER NO. 2

[redacted]

HUBER NO. 2

SUMMARY OF WELL HISTORY

WELL NAME & NUMBER:	Huber No. 2
LOCATION:	1980' from North line & 1980' from East Line SW NE Section 10, T28N, R
WORKING INTEREST:	.6477080%
REVENUE INTEREST:	.5359784%
ELEVATION:	2098'
SPUDDED:	May 23, 1952
COMPLETED:	July 2, 1952
TOTAL DEPTH:	5782'
CASING:	10-3/4" 35 & 45#, 8rd., set at 1005 with 450 sks cmt. 7" 23#, 8rd. set @ 5776' with 300 s HOWCO
TUBING:	2-3/8" 4#, 8rd., E.U.E. set @ 5680'
PRODUCING:	Charles B-1 5618'-26' B-2 5635'-52' Madison C 5776'-82'
ACID:	July 11, 1952 500 gallons 5618'38' Dowell

Form No. 2

GENERAL RULES
201, 202, 213,
216, 219, 233.1

(SUBMIT IN QUADRUPLICATE)
TO
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA
BILLINGS OR SHELBY

NOTICE
THIS FORM BECOMES A PERMIT WHEN STAMPED APPROVED BY AN AGENT OF THE COMMISSION.

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	X
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

May 5, 1969

Following is a {~~notice of intention to do work~~ / report of work done} on land {~~owned~~ / leased} described as follows:

LEASE Huber

MONTANA (State) Roosevelt (County) East Poplar (Field)

Well No. 1 SE NE 10 (m. sec.) 28N (Township) 51E (Range) (Meridian)

The well is located 1980 ft. from {N / ~~S~~} line and 660 ft. from {E / ~~W~~} line of Sec. 10

LOCATE ACCURATELY ON PLAT ON BACK OF THIS FORM THE WELL LOCATION, AND SHOW LEASE BOUNDARY

The elevation of the derrick floor above the sea level is 2100.

READ CAREFULLY — **DETAILS OF PLAN OF WORK** — READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
RESULT

SEE ATTACHED

10

Approved subject to conditions on reverse of form

Date .....

By ..... District Office Agent Title

Company E. A. Polumbus, Jr.

By .....

Title Vice-president Exploitation

Address 220 C.A. Johnson Building
Denver, Colorado 80202

COMMISSION USE ONLY
API WELL NUMBER
25
STATE COUNTY WELL

NOTE:—Reports on this form to be submitted to the District Agent for Approval in Quadruplicate

WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL.

OVER

Form No. 2

GENERAL RULES
201, 202, 213,
216, 219, 233.1

(SUBMIT IN QUADRUPLICATE)
TO
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA
BILLINGS OR SHELBY

NOTICE
THIS FORM BECOMES A PERMIT WHEN STAMPED APPROVED BY AN AGENT OF THE COMMISSION.

Well File

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement	X	Subsequent Report of Abandonment	✓
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

May 28, 1969

Following is a {notice of intention to do work / ~~report of work done~~} on land {~~owned~~ / leased} described as follows:

LEASE Huber

MONTANA (State) Roosevelt (County) East Poplar (Field)

Well No. 2 SW NE Section 10 (m. sec.) 28N (Township) 51E (Range) (Meridian)

The well is located 1980 ft. from {N / ~~S~~} line and 1980 ft. from {E / ~~W~~} line of Sec. 10

LOCATE ACCURATELY ON PLAT ON BACK OF THIS FORM THE WELL LOCATION, AND SHOW LEASE BOUNDARY

The elevation of the derrick floor above the sea level is 2098.

READ CAREFULLY — **DETAILS OF PLAN OF WORK** — READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
RESULT

1. Pull rods, pump and tubing.
2. Set bridge plug on wire line at 4975'. Dump sack of cement on plug.
3. Perforate Heath sand 4887-4892' with 1 hole per foot.
4. Frac or acidize if necessary.
5. Run tubing, rods and pump.
6. Test on pump.

RECEIVED
MAY 1969
OIL & GAS CONS. COMM.
STATE OF MONT.
BILLINGS

Approved subject to conditions on reverse of form

Date MAY 29 1969

By ORIGINAL SIGNED BY Judson D. Sweet, Petroleum Engineer

Title District Office Agent

Company E. A. Polumbus, Jr.

By D. D. Law

Title Vice President - Exploitation

Address 220 C. A. Johnson Building
Denver, Colorado 80202

NOTE:—Reports on this Form to be submitted to the District Agent for Approval in Quadruplicate.

WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL

OVER

Huber #2

Form No. 2

GENERAL RULES
201, 202, 213,
216, 219, 233.1

(SUBMIT IN QUADRUPLICATE)

TO

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA
BILLINGS OR SHELBY

AUG 1986
RECEIVED
BOARD OF OIL & GAS CONS.
STATE OF MONT.
HELENA

NOTICE
THIS FORM BECOMES A PERMIT WHEN STAMPED APPROVED BY AN AGENT OF THE COMMISSION.

SUNDRY NOTICES AND REPORT OF WELLS

Notice of Intention to Drill		Subsequent Report of Water Shut-off	
Notice of Intention to Change Plans		Subsequent Report of Shooting, Acidizing, Cementing	
Notice of Intention to Test Water Shut-off		Subsequent Report of Altering Casing	
Notice of Intention to Redrill or Repair Well		Subsequent Report of Redrilling or Repair	
Notice of Intention to Shoot, Acidize, or Cement		Subsequent Report of Abandonment	
Notice of Intention to Pull or Alter Casing		Supplementary Well History	
Notice of Intention to Abandon Well		Report of Fracturing	
Notice of Change of Operator	X		

(Indicate Above by Check Mark Nature of Report, Notice, or Other Data)

August 8, 1986

Following is a {notice of intention ~~to do work~~ / ~~report of work done~~} on land {~~owned~~ / leased} described as follows:

LEASE HUBER

MONTANA (State) Roosevelt (County) East Poplar (Field)

Well No. 2 10 (m. sec.) 28N (Township) 51E (Range) Principal (Meridian)

The well is located 1980 ft. from {N / ~~S~~} line and 1980 ft. from {E / ~~W~~} line of Sec. 10

LOCATE ACCURATELY ON PLAT ON BACK OF THIS FORM THE WELL LOCATION, AND SHOW LEASE BOUNDARY

The elevation of the derrick floor above the sea level is .....

READ CAREFULLY **DETAILS OF PLAN OF WORK** READ CAREFULLY

(State names of and expected depths to objective sands; show size, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work, particularly all details results Shooting, Acidizing, Fracturing.)

DETAILS OF WORK
RESULT

Notification of sale of above described property, effective 7-1-86, resulting in a change of Operator.

CERTIFIED BY: GRACE PETROLEUM CORPORATION

By: Kay Fully

Title: Supervisor
Production Accounting

Approved subject to conditions on reverse of form

Date SEP 15 1986

ORIGINAL SIGNED BY
By Dee Rickman, Executive Secretary
District Office Agent Title

Company Murphy Oil, U.S.A., Inc.

By .....

Title Manager of Production Department

Address 200 Peach St.
El Dorado, AR 71730

COMMISSION USE ONLY
API WELL NUMBER
25 085 05037
STATE COUNTY WELL

NOTE:—Reports on this form to be submitted to the District Agent for Approval in Quadruplicate

WHEN USED AS PERMIT TO DRILL, THIS EXPIRES 90 DAYS FROM DATE OF APPROVAL.

OVER

Form 20
Rev. 8-92

Submit In Quadruplicate To:

Montana Board of Oil and Gas Conservation

1520 East Sixth Avenue
Helena, Montana 59620-2301

ARM 36.22.307
ARM 36.22.605
ARM 36.22.1308

Notice of Intent to Change Operator

The undersigned Transferor hereby notifies the Board of Oil and Gas Conservation of its intention to transfer ownership and/or operation of the following wells to the undersigned Transferee:

Lease Name: Huber

Lease type: (Private, State, Federal, Indian) Private

County: Roosevelt

Field name: East Poplar

Description of wells: (Include official well name and number as reflected on Board of Oil & Gas Conservation records, API well number, and exact location of the well including quarter-quarter section, footage measurements, Section, Township, and Range.)

Huber No. 1, Huber No. 2, Huber No. 3, Huber No. 4-A, and Huber No. 5-D
See attached sheet for information
Effective change of owner/operator from Murphy Exploration and Production Company to

Transferor's Statement:
I hereby designate the Transferee named herein as the owner and/or operator of record of the above described well(s). I acknowledge that the Transferor continues to be responsible for said well(s) and all associated equipment and facilities until such time as this transfer is approved by of the Montana Board of Oil and Gas Conservation. I certify that the information contained herein is true and correct:

Company: Murphy EXPRO
Street Address: 131 South Robertson Street
P.O. Box: Box 61780
City, State, ZIP: New Orleans, LA 70161-9969
Signed:
Print Name: Sidney W. Campbell
Title: Manager Onshore Operations
Telephone: (504) 561-2594

Transferee's Statement:
I hereby accept the designation of operator/owner for the above described well(s). I understand that this transfer will not be approved until the Transferee has complied with the Board's bonding requirements. I acknowledge that under Section 82-11-101 MCA, the Transferee herein is responsible for the costs of proper plugging and restoration of the surface of the well(s) described above. I certify that the information contained herein is true and correct:

Company:
Street Address:
P.O. Box:
City, State, ZIP:
Signed:
Print Name:
Title:
Telephone: ( )

BOARD USE ONLY

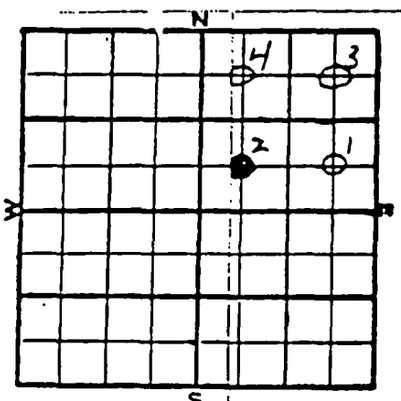
Approved _____ Date

_____ Name _____ Title

Oper. No. Bond No.

Field Office Review	Date	Initial
Inspection		
Records Review		
Operations		

Oper. No. Bond No.



Huber

Lease

BOARD OF RAILROAD COMMISSIONERS OF THE STATE OF MONTANA

Paul T. Smith, Chairman

Austin B. Middleton, Commissioner Leonard C. Young, Commissioner

OIL AND GAS WELL DIVISION

LOG OF OIL OR GAS WELL

Company C. C. Thomas Address Denver, Colorado

Lessor or Tract Huber Field E. Poplar State MONTANA

Well No. 2 Sec. 10 T. 28 R. 51 Meridian East County Roosevelt

Location 1980 ft. { N. / S. } of North Line and 1980 ft. { W. / E. } of Sec. 10 Line of 2098 Elevation (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Robert D. Snyder

Title Petroleum Engineer

Address Billings, Mont.

Date Aug. 3, 1952

The summary on this page is for the condition of the well at above date.

Commenced drilling 5-23, 19 52 Finished drilling ..., 19 ...

Oil or Gas Sands or Zones (Denote gas by G)				Important Water Sands			
No. 1, from	5617	to	26	No. 1, from		to	
No. 2, from	5634	to	48	No. 2, from		to	
No. 3, from	5778	to	82 total depth	No. 3, from		to	
No. 4, from		to		No. 4, from		to	
No. 5, from		to		No. 5, from		to	

CASING RECORD

Size Casing	Weight per Foot	Threads Per Inch	Make	Amount	Kind of Shoe	Cut & Pulled From	Perforated From	Perforated To	Purpose
				3 jet shots/ft			5616	5620	B_1 Zone
				3 jet shots/ft			5630	5634	B_2 Zone
Acidized with 400 gal thru perforations									
Model "D" Baker Production Packer at 5660'; B Zone									
Producing thru casing, D Zone producing thru tubing.									

CASING OR TOOLS LOST OR SIDETRACKED

From ... to ... Description ...

From ... to ... Description ...

From ... to ... Description ...

FOLD MARK

MUDDING AND CEMENTING RECORD

Casing Size	Where Set	Number Sacks of Cement	Methods Used	Mud Gravity	Amount of Mud Used
10 3/4	1005	450	Halliburton		
7"	5776	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ... Length ... Depth Set ...

Adapters—Material ... Size ...

SHOOTING RECORD

Size Shell Used	Explosive Used	Quantity	Date	Depth Shot	Depth Cleaned Out

SAM 394

TOOLS USED

Rotary tools were used from ... feet to 5778 feet, and from ... feet to ... feet

No. 2, from 5778 to 82 total depth

No. 3, from ..... to .....

No. 4, from ..... to .....

No. 5, from ..... to .....

No. 3, from ..... to .....

No. 4, from ..... to .....

No. 5, from ..... to .....

CASING RECORD

Size Casing	Weight per Foot	Threads Per Inch	Make	Amount	Kind of Shoe	Cut & Pulled From	Perforated From	Perforated To	Purpose
				3 jet shots/ft			5616	5620	B_1 Zone
				3 jet shots/ft			5630	5634	B_2 Zone
Acidized with 400 gal thru perforations									
Model "D" Baker Production Packer at 5660'; B Zone									
Producing thru casing, C Zone producing thru tubing.									

CASING OR TOOLS LOST OR SIDETRACKED

From ..... to ..... Description .....

From ..... to ..... Description .....

From ..... to ..... Description .....

FOLD MARK

MUDDING AND CEMENTING RECORD

Casing Size	Where Set	Number Sacks of Cement	Methods Used	Mud Gravity	Amount of Mud Used
10 3/4	1005	450	Halliburton		
7"	5776	300	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material ..... Length ..... Depth Set .....

Adapters—Material ..... Size .....

SHOOTING RECORD

Size	Shell Used	Explosive Used	Quantity	Date	Depth Shot	Depth Cleaned Out

TOOLS USED

Rotary tools were used from 0 feet to 5782 feet, and from ..... feet to ..... feet

Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet

DATES

..... 19..... Put to producing July 12 19 52

The production for the first 24 hours was ..... barrels of fluid of which ..... % was oil; ..... % emulsion;

..... % water; and ..... % sediment. 35 bbls/hr B Zone; 10 bbls/hr C Zone

If gas well, cu. ft. per 24 hours ..... Rock pressure, lbs. per sq. in. .....

Gallons gasoline per 1,000 cu. ft. of gas .....

SAM 393

EMPLOYEES

J. Burns ..... Driller. ..... Driller.

Malcom ..... Driller. M.H. Wagner Driller ..... Driller.

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well give size and location. If the well has been dynamited, give date, size, position, and number of shots. If plug or bridge were put in to test for water, state kind of material used, position, and results of pumping or bailing.

FORMATION RECORD

From	To	Total Feet	Formation
0	10	10	Sand
10	180	170	Shale
1010	3898	2888	Shale
3898	3979	81	Shale and shells
3979	4390	411	Shale
4390	4419	29	Sdy lime and sand
4419	4510	91	Shale w/sdy stks
4510	4626	116	Shale and sdy

FORMATION RECORD

From	To	Total Feet	Formation
4626	4695	69	Shale
4695	4711	16	Shale and red beds
4711	4740	29	Lime shale & shells
4740	4830	90	Lime
4830	4857	27	Shale & shells
4857	4871	14	Shale and red beds
4871	4896	25	Shale and lime
4896	4923	27	Sand
4923	5185	262	Shale and shells
5185	5192	7	Sand
5192	5204	12	Red sand
5204	5405	201	Shale and sand
5405	5559	154	Lime & shale
5559	5782	223	Anhydrite & lime

xxxx

Total Depth 5782

SCHLUMBERGER TOPS:

Claggett	1012
Eagle	1417
Greenhorn	2342
Muddy	2905
Dakota	3185
Lakota	3515
Morrison	3622
Ellis	3727
Rierdon	4095
Piper	4266
Piper lime	4342
Gyp Springs	4411
Spearfish	4556
Amsden	4704
Heath	4832
Otter	4920
Kibbey	5134
Charles	5400
Total Depth	5782

SAM 392

HUBER NO. 2

COMPLETION DATA

5-26-52 HOWCO cemented surface at 1005' with 450 sacks of Quixtrength (Ideal)

6-30-52 HOWCO cemented production string at 5776' with 300 sacks regular (Ideal 30' left in).

7-11-52 500 gallons Dowell at 5618'-5638' flush 33 barrels down casing.

7-08-52 McCullough Glass Jet 5622'-5618' 3/ft.
34 holes, ½" dia 5632'-5637' 3/ft

Tubing 13' stringer

2 tubing seal nipples
1 tubing seal nipple locator
1 10' x 2" NU 10 rd. perf. prod tube

Baker safety jt., 1 jt. above packer.

WELL RECORD

APPROP. NO. _____ TITLE NO _____ LEASE NAME Albert Huber WELL NO. _____

DESCRIPTION: T28N, R51E, SWNE, Sec. 10.

LOCATION 1980' S. North Line, 1980' W East Line, Sec. 10

RIG CONTRACTOR _____ DRILLING CONTRACTOR M.R. Wagner Drilling C

DRILLING: COMMENCED 5/23/52 COMPLETED 7/2/52 COMMENCED PRODUCING 7/2/52

ROTARY TOOLS USED: FROM 0 TO 5782 CABLE TOOLS USED: FROM _____ TO _____ FUEL: KIND _____

CASING—LINER—SCREEN—TUBING RECORD

SIZE	O.D. I.D.	WEIGHT	THRD.	MAKE—KIND	LPWLD SMLS	NEW S. H.	SET AT	PULLED OUT OVER-ALL TALLY FEET	PULLED OUT OVER-ALL TALLY IN.	LEFT IN OVER-ALL TALLY FEET	LEFT IN OVER-ALL TALLY IN.	CEMENTING RECO NO. SACKS	CEMENTING RECO KIND	CEME
10-3/4	od	35 & 45	8 rd		smls	sh	1005					450		HOW
7"	od	23	8 rd		smls	new	5776					300		HOW
2-3/8EUE	od	4	8 rd		smls		5680							

CASING—LINER—TUBING: PERFORATED—FROM 5618 TO 5620 METHOD, ETC. 3 jet shots/foot

CASING—LINER—TUBING: PERFORATED—FROM 5630 TO 5624 METHOD, ETC. 3 jet shots/foot

PACKER: SET AT 5660 SIZE AND KIND Baker Model "D"-4 7"

PRODUCING HORIZON FORMATION RECORD

ELEVATION GROUND	ELEVATION DERRICK FLOOR	NAME OF FORMATION	TOP	BOTTOM	REMARKS
	2098		5617	5624	Charles B-1
			5634	5648	Charles B-2
SEE BACK OF THIS SHEET FOR COMPLETE LOG OF WELL.			5778	5782	Madison C
		TOTAL DEPTH OF WELL 5782			

INITIAL PRODUCTION RECORD

DATE	SIZE OF CHOKE	FLOWING PRESSURE TUBING	FLOWING PRESSURE CASING	TEST DATA HRS.-MIN.	TEST DATA BBLS. OIL	TEST DATA GAS VOLUME	TEST DATA WATER	METHOD OF PRODUCING	REMARKS
7/14/52	8/64	XXX	500	24	250	--	--	flow	B1 & B2 casing flow
7/14/52	8/64	400		24	100	--	--	flow	C tubing flow B1 & B2 10/64 choke

POTENTIAL: 24 HRS. NATURAL _____ BBLS. OIL _____ BBLS. % WATER. AFTER SHOT-ACID 600 BBLS. OIL _____ BBLS. % WATER Gv 0 - 240 15/64 choke

SHOT OR ACIDIZING RECORDS

DATE	KIND	QTS.	GAL.	FROM	TO	SIZE OF SHELL	ANCHOR OR BLANKET	SHOT BY (CO.)
7/11/52	X		500	5618	5638			Dowell

CLEANING OUT—PLUGGING BACK—DEEPENING RECORDS

AUTH. NO.	DATE COMM'CED	DATE COMPL'D	FROM	TO	PRODUCTION BEFORE OIL	PRODUCTION BEFORE WATER	PRODUCTION AFTER OIL	PRODUCTION AFTER WATER	
									SEE DAILY RE FOR OTHER DE

[redacted]

(USE OTHER SIDE OF THIS SHEET FOR COMPLETE LOG OF WELL)

BILLINGS CORE-LAB
5 North 25th St.
Billings, Montana

Lab. No. 1065

CORE ANALYSIS REPORT

Field East Poplar — County Roosevelt — State Montana
Well No. 2 Thomas-Huber — Location C SW NE 10-28N-51E
Formation Charles B1 & B2 — Depths 5620-5642'
Operator C. C. Thomas — Date 6-25-52

Laboratory Data

Sample No.	Depth Feet	Porosity Percent	Permeability Millidarcies	Saturation, % Residual Oil	Pore Space Water	Remarks
	Core #2 Charles B1					
1	5620-21	9.7	9.1	19.8	41.6	Vertical Frac
2	5621-22	10.8	5.0	18.5	22.2	tures (close
3.	5622-23	13.9	6.8	17.2	40.9	
4	5623-24	15.2	2.1	24.4	45.1	
5	5624-25	12.1	5.9	20.0	72.9	Some Coral
6	5625-26	10.8	0.1	26.1	56.5	
	Charles B2					
7	5636-37	16.2	11	11.4	51.4	Some Coral
8	5637-38	11.6	1.6	13.7	45.8	
9	5638-39	12.6	211	10.9	74.5	
10	5639-40	7.6	0.1	2.9	84.2	
11	5640-41	8.4	-0.1	8.0	75.4	
12	5641-42	5.2	-0.1	4.2	84.6	

SUMMARY

Depth	Interval	Porosity	Permeability	Oil	Water
5620-5626'	6 ft.	12.1	4.8	21.0	46.5
5636-5639'	3 ft.	13.5	4.9	12.0	57.2
5639-5642'	3 ft.	7.1	-0.1	5.0	81.4

Charles B1 has low permeabilities and is oil saturated. Charles B2, the upper 3 feet has low permeabilities and a lower oil-water ratio than B1 but appears to be an oil bearing section. Below this section the permeabilities drop off to practically nothing. The oil content decreased and the water content increased indicating a water zone.

BILLINGS CORE - LAB
5 North 25th St.
BILLINGS, MONTANA

CORE ANALYSIS REPORT

Lab. No. 1065

FIELD	East Poplar	COUNTY	Roosevelt	STATE	Montana
WELL NO.	2 Thomas- Euber	LOCATION	C SW NE 10-28N-51E		
FORMATION	Charles B1 & B2	DEPTHS	5620-5642'		
OPERATOR	C.C. Thomas			DATE	7-7-52

WELL AND CORE DATE

ELEVATION, ft. 2095' RB
DRILLING MUD

TOTAL DEPTH, ft. 5782
COMPLETION DEPTH, ft.

FORMATIONS ANALYZED	INTERVALS, ft.	
Charles B1	5620-5626'	6'
Charles B2	5636-5642'	6'

CORES ANALYZED

Footages	5620-5642'
Number of Samples	12

SAMPLING DATA

Sampled by	Robert D. Snyder
Duplicate Samples Retained	by Billings Core-Lab

TYPE OF LABORATORY ANALYSIS

Oil and Water Saturation	X
Porosity	X
Permeability to Air	X
Connate Water	
Liquid Permeability	
15% Acid Solubilities	
Mud Acid Solubilities	
Vertical Permeabilities to Air	

Analyzed by John G. Yapumcich

[redacted]

ILLINGS CORE - LAB
5 North 25th St.
BILLINGS, MONTANA

CORE ANALYSIS REPORT

Lab. No. 1065

FIELD East Poplar COUNTY Roosevelt STATE Montana
WELL NO. 2 Thomas-Huber LOCATION C SW NE 10-28N-51E
OPERATOR C. C. Thomas DATE 7-7-52

ESTIMATED OIL RECOVERY

SUMMARY OF CORE DATA

Average Porosity, %	12.6
Average Permeability, millidarcies	4.8
Average Residual Oil Saturation, % pore space	18.0
Average Water Saturation, % pore space	50.1
Average Connate Water, % pore space	35.0 (est.)
Total Footage	9

WELL AND CRUDE OIL DATA

Formation Volume Factor Shrinkage	0.9 (est.)
Gas-Oil Ratio, Cu.Ft. per bbl. stock tank oil	
Degrees API Gravity @ 60° F	
Bottom Hole Pressure @ ____ ft., lbs.	
Bottom Hole Temperature @ ___ ft. ° F	
Elevation, ft.	2095 RB
Formation	Charles B1 & B 2

VOLUMETRIC DATA

Pore Space per acre-foot, barrels	978
Connate Water per acre-foot, barrels	342
Reservoir Oil per acre-foot, barrels	636
Stock Tank Oil per acre-foot, barrels	572

ESTIMATED OIL RECOVERY

Barrels per acre-foot	342
Barrels per acre	3078

REMARKS: An effective water drive was assumed for the above calculations. Assuming a drainage area of 40 acres then possibly 123,120 barrels of oil could be recovered. If the pay is thicker than shown by the laboratory samples then the oil recovery will be correspondingly greater.

[redacted]

WELL COMPLETION SKETCHES — ATTACHMENT C-2 — WPB III (3/6/86)

WELL: Huber #2 | FIELD: East Poplar | DATE:

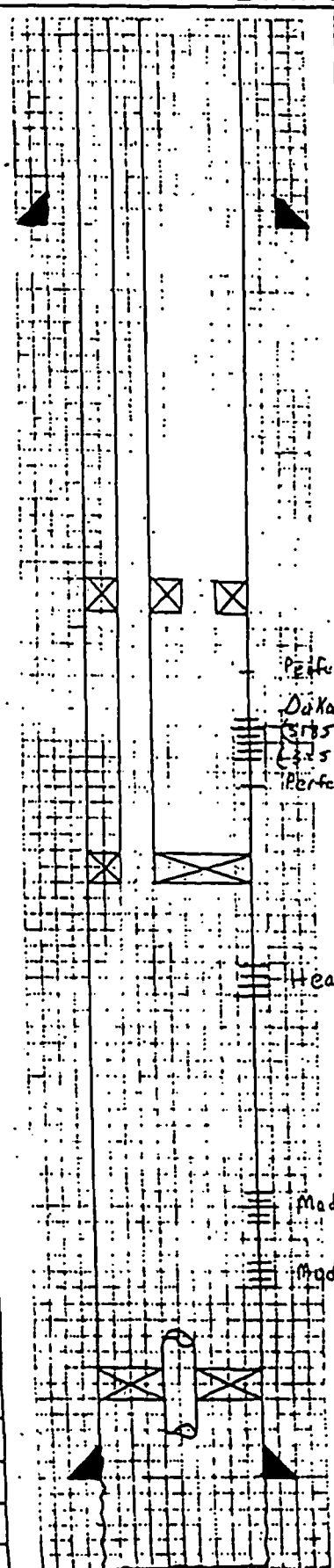
☐ PRESENT COMPLETION ☐ SUGGESTED COMPLETION ☐ ORIGINAL COMPLETION | WELL CLASS:

PERMANENT WELL BORE DATA

SW NW Sec. 10, T28N-R51E
East Poplar Field
Roosevelt County, Montana
TD 5782'
KB 2089'
GL 2078'

Dakota Treatment:
* Fraced w/ 505 BBL W-F10 + 10,000 # 20/40 sand
* Initial injection 1400 BWPD @ 770 #
* (5/8/72) Acidized w/ 7000 gal 7½% Injection after treatment 2650 BWPD @ 960 #

* No record of upper packer but states two strings were used at one time (both 2" string one production and the other injection)
* Pulled 2" Dakota string in 1973 after converting EPU-110XD to WDW in 1973
* No records of production being pulled since it was run.



DATA ON THIS COMPLETION

10 3/4" @ 1006' w/ 450 SX

Perfd 8 holes @ 3150 & 3822 & 170 SXS.

Dakota (5/72)
(3185 - 3230')
(3285 - 3325')

Perfd 4 holes @ 3350' & squd w/ 30 SXS.

Baker Model @ 3410'

Heath (4884-89') (6/4/69)

Completed Madison (7/32)

Madison "B-1" (5618-76')

Madison "B-2" (5635-52')

Baker Model "D" @ 5660'

7" @ 5776' w/ 300 SX

6" zone open hole (5776 - 82')

HUBER NO. 2

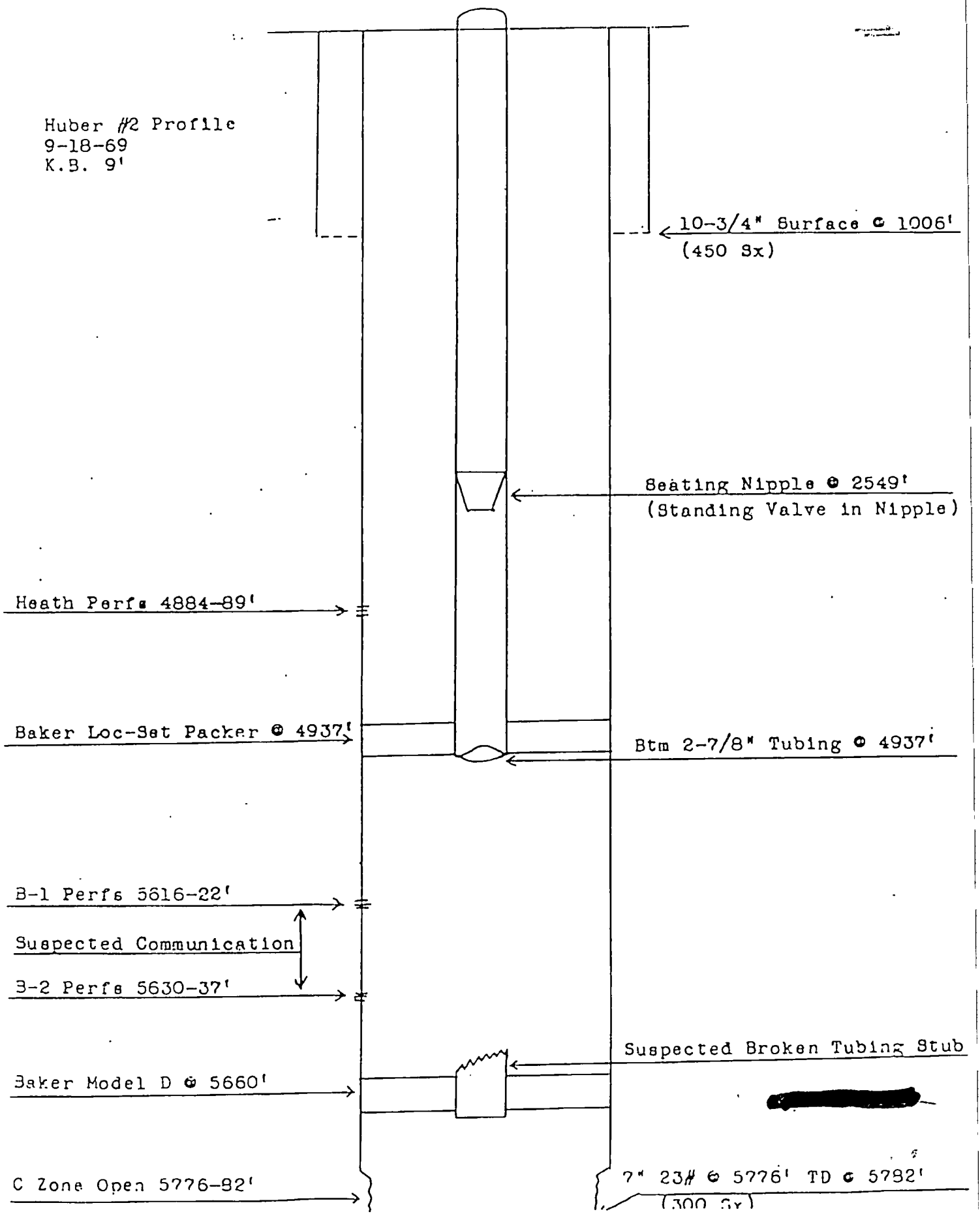
WORKOVER HISTORY NO. 1

6-2-69 Rig up Big Chief Well Service Rig. Pull rods and tubing.

6-3-69 Rig up Perf-O-Log, run Gamma Ray - Neutron. Run Bond Log. Set Halliburton Speed-E-Line Drillable Bridge Plug. Dump 1 sack cement on B.P.

6-4-89 Perforate 4884'-89' 1 shot/ft. DML Casing gun, 19 g. Start in with J-55 & N-80 tubing: Start rig up to swab. 2 runs (water) packer gave out. Probably warmed up and took strain off packer. Try to re-set packer, set with 14,000 tension. Packer still not holding, proceed to swab casing down.

6-5-69 Hole full 500# pressure on tubing. Well flowed water one hour commence swabbing, swabbing water. Water chlorides 27,000. Cannot swab down any further than 1800'. Swabbing 20/bbls per hour 100% water, trace oil. Rigging up to run rods and pump. Well hung on and pressure tested, released rig.


Huber #2 Profile
9-18-69
K.B. 9'
10-3/4" Surface @ 1006'
(450 Sx)
Seating Nipple @ 2549'
(Standing Valve in Nipple)
Heath Perfs 4884-89'
Baker Loc-Set Packer @ 4937'
Btm 2-7/8" Tubing @ 4937'
B-1 Perfs 5616-22'
Suspected Communication
B-2 Perfs 5630-37'
Suspected Broken Tubing Stub
Baker Model D @ 5660'
C Zone Open 5776-82'
7" 23# @ 5776' TD @ 5782'
(300 Sx)

HUBER NO. 2

WORKOVER HISTORY NO. 3

Lease and Well No. Huber No. 2

Field: East Poplar County: Roosevelt State: Montana

Well Location: SW NW Section 10, T28N, R51E

STATUS PRIOR TO PRESENT JOB:

Date of Last Workover: June 2, 1969 T.D. 5782 PBTD: 4975

Producing Zone: Heath Sand Perforations: 4884'-89'

Latest Test: Pumping 2 BOPD 180 BWPD.

JUSTIFICATION FOR WORKOVER:

Well not commercial, recomplete in Madison Lime.

SUMMARY OF WORKOVER:

9-16-69 Moved Signal Rig 2 in. Pulled rods and tubing and removed Baker Lok-Set packer. Went back in with 6-1/4" bit to drill out bridge plug. Rigged up drilling equipment.

9-17-69 Drilling on bridge plug.

9-18-69 Finished drilling out bridge plug, ran tubing and rods back and put on pump.

Recap of Workover:

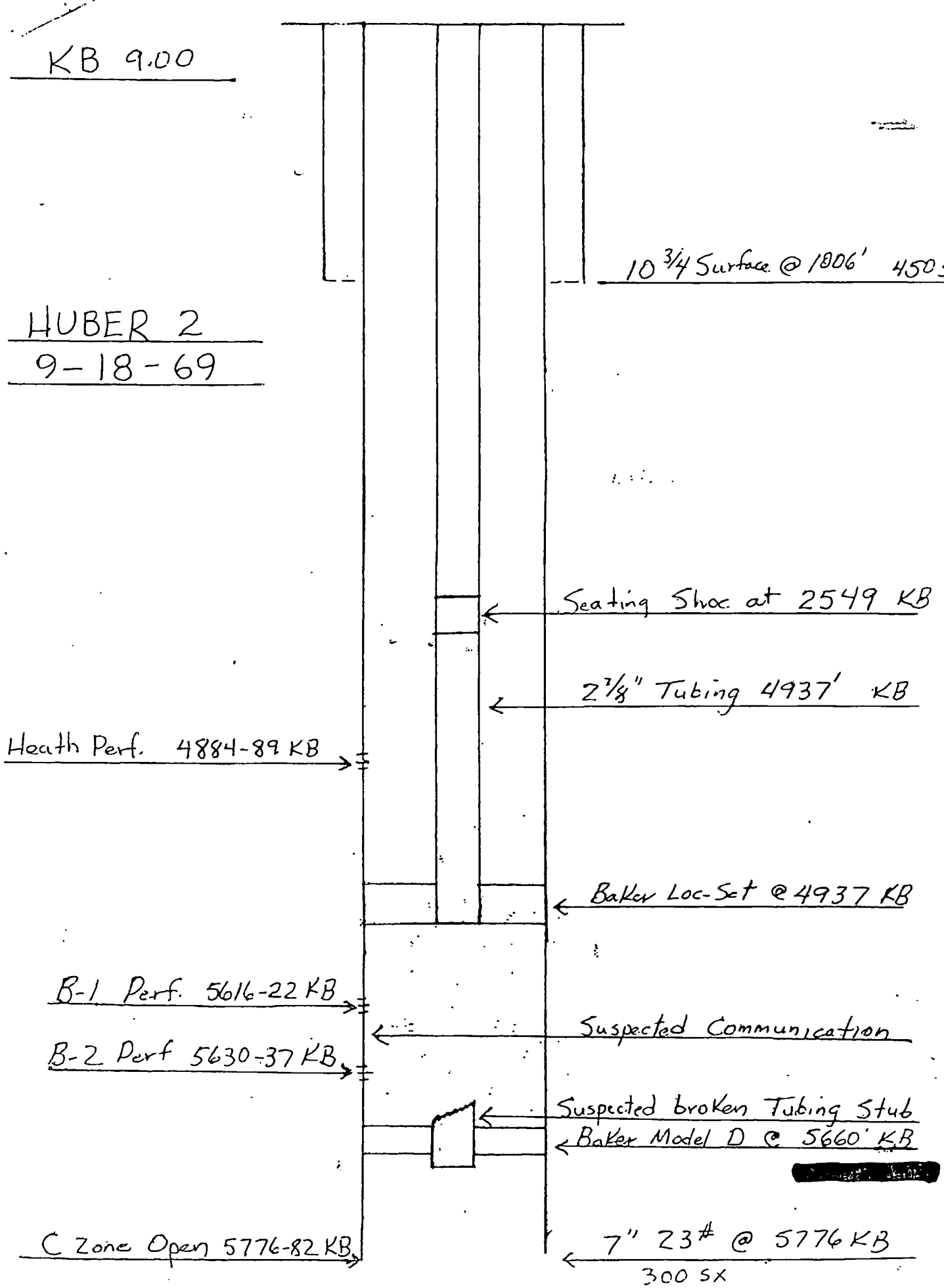
Final perforations: 4884'-89' (Packed Off), 5616'-22', 5630'-37', 5775'-82' (Open hole)

Final PBTD: 5782 T.D.

Initial Potential: 10 BOPD 840 BWPD.

Geological Name of Producing Zone: B-1, B-2 and C Zone of Madison Formation

Results of Workover: Madison Formation back on production with Heath Zone open to annulus to flow off accumulated load oil.


KB 9.00
HUBER 2
9-18-69
10 3/4 Surface @ 1806' 450 sx
Seating Shoe at 2549 KB
2 1/8" Tubing 4937' KB
Heath Perf. 4884-89 KB
Baker Loc-Set @ 4937 KB
B-1 Perf. 5616-22 KB
Suspected Communication
B-2 Perf 5630-37 KB
Suspected broken Tubing Stub
Baker Model D @ 5660' KB
C Zone Open 5776-82 KB
7" 23# @ 5776 KB
300 sx

HUBER NO. 2

WORKOVER HISTORY NO. 4

Lease and Well No.: Huber No. 2

Field: East Poplar County: Roosevelt State: Montana

Well Location: SW NW Section 10, T28N, R51E

STATUS PRIOR TO PRESENT JOB:

Date of Last Workover: September 18, 1969 T.D.: 5782'

Model D 5660' Producing Zone: Madison B-1, B-2 and C

Heath (Packed off) Perforations: 4884'-89', 5630'-37', 5776'-82'

(open Hole) Latest Test: Flowing 9 BO and 190 BWPD on 8/64" Choke

JUSTIFICATION OF WOKOVER:

Recomplete well to co-mingle Madison and Heath and utilize 2 strings of tubing to dispose water into Dakota at 3185'-3230' and 3250'-3225.

SUMMARY OF WOKOVER:

11-16-71 Moved Prather rig in, rigged up at 12 noon. Start pumping heavy salt water to kill well. 200 bbls water in. Well still flowing, pull one stand tubing. Well still flowing shut down for night.

11-17-71 Well flowing out tubing and casing. Well will not die, start out with wet string. First 10 stands out, 5 joints had holes in them, heavy water probably did not circulate deep enough to kill well. Out as far as pump barrel, flanged up well head to pump additional 80 bbls heavy water. Water in, tubing on vaccum, casing flowing. Pumped pit out, casing died. Start out with rest of tubing. Out with tubing, flange up, SDFN.

11-18-71 Rig up wireline to perforate for squeeze and log. Well logged. Model "D" set at 3410'. Perforated 4 holes at 3350 with 4 way gun. Start in with tubing, hydrotesting. In with tubing, found 3 bad joints. Rig to squeeze. Sand spotted on Model D. Bleed pressure off surface pipe. Pressured casing to 600#, pressure held. Started pumping water down tubing, well started taking water at 1400#, casing pressure started to rise, went to 800#, shut down, pressured casing to 1000#, casing bled off. Pulled 2 jts and reset packer. Pressured casing to 1000#, casing bled off. Pumped water down casing, water circulated out tbg, moved packer to 3391', (below perfs). Test packer to 2000#, bled off, decided packer was leaking, start out with tubing to change packer. Out with tubing, SDFN.

11-19-71 Start in with tubing and exchanged packer. In with tubing, rig to test packer at 3237'. Pressured casing to 600#, bled off. Pressured casing to 1000#, bled off. Pumped on tubing, 4 BPM at 1500#, casing started pressuring up. Raised packer to 3227', pressured casing to 1000#, bled off. Start pumping water down tubing to try to get circulation up surface pipe. Tubing pressure 1500#, casing went up to 1400#, opened tubing to pit, pumped on casing, well circulated out tubing. Set packer at 3390', pressured tubing to 2000#, bled off, either have bad packer or hole in tubing that was missed on hydrotest. Called for drop valve to check tubing. Pulled 5 joints tubing, waiting on drop valve. Dropped frop valve. Tubing would not hold pressure Have tubing leak. Start out with wet string. Found hole in tubing at 1800', start back in. Pressured tubing to 2000#, held. Rig sand line to fish drop valve. Had trouble getting drop valve loose, finally out. Rig to pump water and try to establish circulation up surface pipe. Pressured casing to 1000#, held. Could not get circulation up surface pipe. Start 30 sack cement job. Cement job complete, pump rate, 1 BPM, initial pump pressure 500, increased to 1000. Immediate shut in 750, 5 min. shut in 350. Shut down for day to let cement cure.

11-20-71 1000# on tubing, 500# on casing, released pressure, did not receive any flow back. Move packer to 3050', rig wireline to perforate through tubing. Wireline shot will not go through seating nipple. Rig sinker bar to check for blockage. 2½" bar will not go through seating nipple. Out with tubing and remove seating nipple. Rig wireline to perforate 4 holes, 3150'-51'. Perforated start in with tubing. In with tubing, packer set at 3050', start pumping water, well started taking water at 1250# at rate of 4 BPM. Start 70 sx cement job. 1 BPM at 1200#. Job complete, immediate shut in 1100#, 5 min 900#. Released crews, W.O.C.

11-21-71 SITP 275# opened tubing, small flow back, shut in tubing, pressure went back to 275#. Pressured casing to 600#, bled off to 300#, repressured casing to 600# bled off again. Pumped into well with pump truck, well takes fluid at 1400#, 2 BPM. Start in with Wireline to perforate formation. Gun will not go past perforations. Run packer to perforations, packer stacks out, must have cement in pipe, called for bit and scraper. Decided to squeeze with additional 100 sx, called Halliburton. Rig to cement with 100 sx. Job complete, break down 1450-1400#, pump pressure during displacement 1 BPM 1400#, staged last 3 bbl cement, pump pressure while pumping 1400#, pump pressure while shut in 1000#, immediate shut in 1250#, 5 min shut in 1000#. SDFD.

[redacted]

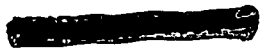
11-22-71 1000# on tubing, released pressure, no flow back. Start out with tubing to run bit and scraper. Out with tubing. Tagged cement with bit, rig up power sub to drill. Start drilling cement at 3138'. Drilled 45' cement and stringers, circulated down to 3350', drilled 30' cement and stringers. Circulated hole on top of model D. SDFD.

11-23-71 Rig down circulating equipment. Start out with bit and scraper. Out with tubing, rig Wireline to perforate. Shot 3185'-3230', 1 shot per foot. Shot 3250'-3325', 1 shot per foot. Start in with tubing and packer, set packer at 3118'. In with tubing rig up pump truck. Start pumping, initial pressure 2100# at 2 BPM. After 5 min. 1600# at 2 BPM. After 30 min., 1400# at 2 BPM. Immediate shut in 1400#, 5 min. shut in 700#, 15 min. shut in 550#. Pumping with rig pump, initial pump pressure 1400#, after pumping 40 bbls water, pressure was 1300#. Shut down to tie on 2 pumps. Both pumps on, estimate 5 BPM, pressure 1600#. Pumped 40 bbls at 1500#, initial shut in 1300#. SDFD, will acidize in morning.

11-24-71 No work today, acid job cancelled. Waiting on orders.

11-25-71 Waiting on water to frac well with. Rig Dowell to frac. Established injection rate of 16 BPM at 2600#. Still waiting on water truck to fill tank. Start frac job. (See Dowell Report).) Job complete. Did not get all balls back, received only 8 of 33. Start out with tubing to put on scraper to try to knock balls loose. Back in with scraper. Scrapped perforations. Hook up Dowell for injection test. Started rate of 13 BPM at 3000#, increased to 15 BPM at 3600#. Pumped 130 bbls water at this rate. No break down. SDFD. Released Dowell.

11-26-71 Rig Wireline to reperforate. Flow tubing back to try to get more balls, did not get any. Balls must be buried in sand that came back out of formation and is on top of Model D. Wireline gun would not go through scraper. Start out of hole with tubing to remove scraper. Start back in hole with tubing. In with tubing, flange up to pump test again. Start pumping, 20 bbls at 2 BPM, initial pressure 500 increased to 750, back flowed 20 bbls, pumped 20 bbls at 3 BPM, initial pressure 500 increased to 800. Shut in pressure 600#. Ran 2 stands and set packer between perfs. Flowed back lower perfs through tubing, upper perfs through casing. Lower perfs flow more water than upper. Pumped on lower perfs, immediate pressure was 1000#, pumped 10 bbls water, 3 BPM at 1200#. Pumped on upper perfs, 5 BPM at 500#, increased to 800#, in 5 bbls fluid, pumped at 3 BPM, 20 bbls, pressure started at 500 and increased to 800. Released packer, pulled 2 stands, rig to reperforate 3190'-3230'. Start in with gun, due to tubing flowing, gun would only go in at about 1 ft/sec. Shot 3190'-3230', 1 shot/ft. Shut down for day.



11-27-71 Rig well to flow to 300 bbl tank. Start well flowing to tank. Start pumping on upper perfs, initial psi 500#, pumped at 1 BPM, 60 bbls water, pressure steadily increased to 700#. Increased rate to equal disposal pump, pump pressure was steady at 1000#. Start surging fluid by pumping 40 bbls and flowing back 40 bbl. Pump pressure during this 1200#. Pumped this way for rest of afternoon. Shut down for day.

11-28-71 Start out with tubing, laying down. Flanged up well, hooked up steel line from disposal pump and started pumping lease water. Disposal pump relief valve holding pressure at 650#. Released rig. Put Huber Wells 1M, 1N, 3 and 4A back on production.

12-06-71 Well accepting estimated 1400 BWPD at 770#. All wells back on production except Huber 2 & 5.

Recap of Workover:

Final Perforations: 4884'-89', 5616'-22', 5630'-37', 5776'-82' (open hole) all above perfs temporarily packed off. Disposal perfs open at 3185'-3230' and 3250'-3325'.

Final PBTD: (temporary) Model D at 3410', with Exp plug, no flapper.

Initial Potential: Well accepts 1400 BWPD at 770psi.

Geological Name of Disposal Zone: Dakota Sand

Geological Name of Producing Zones: Madison & Heath

Down Hole Equipment: 5776' 7" 23-26# casing (no tubing)

Results of Workover:

Oil production temporarily shut in pending disposal test. If well proves it is satisfactory for disposal purposes, Madison and Heath zones will be re-opened by utilizing 2 strings of 2" tubing, one producing Madison and Heath comingled and one disposing of water into Dakota Sand.

HUBER NO. 2

WORKOVER HISTORY NO. 5

Lease and Well No.: Huber NO. 2

Field: East Poplar County: Roosevelt State: Montana

Well Location: SW NW Section 10, T28N, R51E

STATUS PRIOR TO PRESENT JOB:

Date of Last Workover: November 1971 Convert to salt water disposal

TD: 5782' Model D 3410' Producing Zone: None, using well as SWD

Perforations: 3185'-3230', 3250'-3325' (Dakota) (Model D Below)
4884'-89' (Heath); 5616'-22', 5630'-37' open hole 5776'-82' Madison

Latest Test: Well accepts 1936 BWPD at 1200 psi

JUSTIFICATION OF WORKOVER:

Put well back on oil production as it is no longer needed as a disposal.

SUMMARY OF WORKOVER:

10-23-73 Rig up, rig to pick up 2-3/8" Hydrill tubing, run tubing in well as follows:

Baker Latching SealAssy with 5' prod tube 7.45
2-7/8" x 2-3/8" EUE 8rd. swage
Total 13.38' 2-3/8" EUE 8rd box x 2-3/8" NU 10rd pin swage
2-3/8" NU 10rd box x 2-3/8" CS Hydrill Box
2-3/8" CS Hydrill x 4' tubing sub
112 jts 2-3/8" CS Hydrill Tubing
1 - 2-7/8" EUE 8rd., x 2-3/8" CS Hydrill Swage
1 - 2-7/8" EUE 8rd., x 3' Tubing Sub

Tagged fillup at 3300', rig to circulate. Circulated in 1 joint, shut down for night.

10-24-73 Circulated shale and frac sand, 2 more joints to Model D packer, knocked out plug in packer, spaced out, latched tubing in packer. Set down on tubing, flanged well up. Released rig.

Recap of Workover:

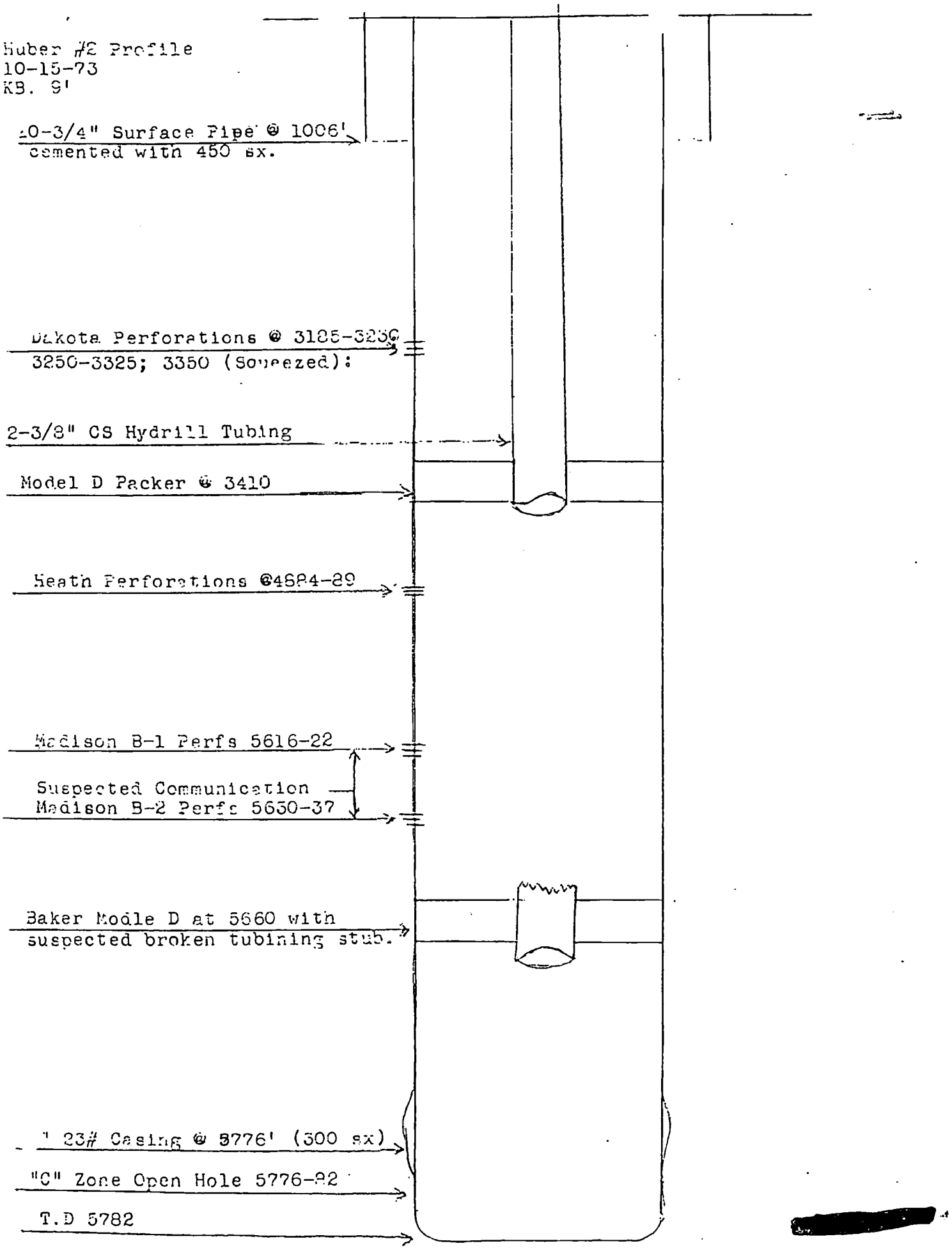
Final Perforations: 3185'-3230', 3250'-3325', Open to csg. 4884'-89', Heath; 5616'-22', 5630'-37', 5776'-82' Madison open to tubing.

Final PBTD: 5782'

Initial Potential: 12 BOPD, 245 BWPD flowing 8/64

Name of Producing Zone: Heath and Madison

Downhole Equipment: See above


Huber #2 Profile
10-15-73
KB. 9'
10-3/4" Surface Pipe @ 1006'
cemented with 450 sx.
Dakota Perforations @ 3185-3230
3250-3325; 3350 (Squeezed):
2-3/8" CS Hydrill Tubing
Model D Packer @ 3410
Heath Perforations @4684-89
Madison B-1 Perfs 5616-22
Suspected Communication
Madison B-2 Perfs 5630-37
Baker Modle D at 5660 with
suspected broken tubining stub.
" 23# Casing @ 5776' (300 sx)
"C" Zone Open Hole 5776-82
T.D 5782

DOWELL

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER [illegible]

TERMS: NET 30, ADD LEGAL INTEREST THEREAFTER.

Please indicate on all remittances and send to: 1579 EAST 21 STREET TULSA, OKLAHOMA 74114

SERVICE ORDER RECEIPT

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST
11 [illegible]		Dowell	[illegible]	[illegible]

WELL NAME AND NUMBER	LOCATION AND POOL
[illegible]	Sec 10-23N-51E

COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE
[illegible]	W-F-10

CUSTOMER'S NAME: [illegible] Corporation

ADDRESS: [illegible] Life Bldg.

CITY, STATE & ZIP CODE: [illegible] Colorado ZIP CODE [illegible]

SERVICE INSTRUCTIONS: [illegible]

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER BY [illegible] AUTHORIZED AGENT

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
[illegible]	[illegible]	[illegible]	[illegible]	1.36	1535.44
			[illegible]	250.00	250.00
	[illegible]		[illegible]	1.12	336.00
			[illegible] Sand	2.35	[illegible]
			[illegible] Sand	[illegible]	105.00
			[illegible]	.90	135.00
			[illegible]	48.00	48.00
	[illegible]	[illegible]	[illegible]	.65	21.45
			SUB TOTAL		[illegible]
			Gallons License Fee		
			Gallons License Fee		
	%		Tax on $		
	%		Tax on $		
			TOTAL		$

DOWELL ENGINEER | PAYROLL INIT.

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER BY AUTHORIZED AGENT

DWL-260-J PRINTED IN U.S.A.

STIMULATION TREATMENT REPORT

DWL-494-J PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE: 2-8-72

WELL NAME AND NUMBER: Huber 2	LOCATION: SEC 10-26N-51E	CUSTOMER REPRESENTATIVE: Mr. Nees	TREATMENT NUMBER: 15-2-7205
POOL: EPH.	FORMATION: Dakota	JOB DONE DOWN: TUBING A ☐ CASING B ☒ ANNULUS C ☐	ALLOWABLE PRESSURE: TBG: CSG: 3000
COUNTY: Roosevelt	STATE: Montana	TYPE OF WELL: OIL A ☐ GAS B ☐ WATER C ☐ INJ D ☒	
TYPE OF SERVICE: Acid		AGE OF WELL: NEW WELL A ☐ REWORK B ☐	TOTAL DEPTH: PBTD / CIRC. BHT.: 3358
CUST. NAME: Columbus Corporation		CASING SIZE: 7 / CASING DEPTH / TUBING SIZE / TUBING DEPTH	
ADDRESS:		LINER SIZE / LINER DEPTH / PACKER TYPE / PACKER DEPTH	
CITY, STATE & ZIP CODE:		OPEN HOLE / CSG. OR ANRL. VOL. / TBG VOLUME / STATIC BHT.	

REMARKS: Acidize perfs - 3185 To 3230
3250 To 3325 With
750 gal - Reg.

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 0900

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG.	PRESSURE TBG.	SERVICE LOG
					Safety meeting Hook up -
0930					Fill Line & Test O.K.
0940	6		400	-	START Acid - via casing
1007	7	148	1150	-	148 BBls Total Let soak -
1017	8	148	300	-	START Pump -
1020	8	168	1050	-	Acid displaced
					ISIP - 800 Max Rate 8 BPM
					Max psi - 1175 Min Rate - 6 BPM
					Avg psi - 1050 Avg Rate - 6½ BPM -
					Min psi - 1000
					3 min Shut In - 200 psi -

TIME LEFT LOCATION: 1030	AVG. LIQUID INJ. RATE	ADJUS. RATE (SOLIDS INCL)	TOTAL FLUID PUMPED: OIL / WATER: 168 BBL	PROPS AND LIQUIDS INJECTED: TYPE: 15% / SIZE OR PURPOSE: Reg - / AMOUNT: 750 gal
MAX. PRESSURE: 1175	AVG. PRESSURE: 1050	FINAL PUMP IN PRESSURE: 1050	SHUT IN PRESSURE: IMMEDIATE 800 / 15 MINUTES	
DOWELL LOCATION: Glendive		DOWELL ENGINEER: DC Gist		

CALL BACK: DATE / CUSTOMER REP. CONTACTED / CUSTOMER CONSIDERED SERVICE ☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN

PROD. BEFORE TREATMENT ☐ TEST ☐ ALLOWABLE

PROD. AFTER TREATMENT DAYS ☐ TEST ☐ ALLOWABLE

DOWELL

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER 15-2-7205

TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

{Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST
2-8-72				

WELL NAME AND NUMBER	LOCATION AND POOL
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE

CUSTOMER'S NAME

ADDRESS

CITY, STATE & ZIP CODE — ZIP CODE

SERVICE INSTRUCTIONS: Acidize perf 3185 to 3230 + 3250 to 3325 750 gal 15% HCl

SERVICE ORDER

IMPORTANT, SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER BY

AUTHORIZED AGENT

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
			Pumper		
	750	gal	15% HCl		
	4	gal	A-160		
	2	gal	F-40		
	65	mi	BF-2		
	65	mi	[illegible]		
			[illegible]		
			[illegible]		
			[illegible]		
			[illegible]		
			[illegible]		
			SUB TOTAL		
			Gallons License Fee		
			Gallons License Fee		
	%		Tax on $		
	%		Tax on $		
				TOTAL	$

DOWELL ENGINEER | PAYROLL INIT.

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER BY

AUTHORIZED AGENT

OWL-200-J PRINTED IN U.S.A.

DOWELL — DOW_LL DIVISION OF THE DOW CHEMI_ COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER 15-02-7289

TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST
4-20-72		[illegible]	[illegible]	[illegible]

WELL NAME AND NUMBER	LOCATION AND POOL

COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE
	Bulk Sale

CUSTOMER'S NAME: [illegible]

ADDRESS: [illegible]

CITY, STATE & ZIP CODE: [illegible] ZIP CODE

SERVICE INSTRUCTIONS: Bulk Sale

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
	110	gal	15% HCl Acid	[illegible]	[illegible]
	5	gal	F40 Surfactant	[illegible]	[illegible]
	144	mi	Mileage [illegible]	.24	[illegible]
			THIS IS NOT AN INVOICE		
			SUB TOTAL		107.36
			Gallons License Fee		
			Gallons License Fee		
		%	Tax on $		
		%	Tax on $		
			TOTAL		$

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER

BY

AUTHORIZED AGENT

[redacted]

DOWELL ENGINEER

PAYROLL INIT.

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER

BY

AUTHORIZED AGENT

DWL-260-J PRINTED IN U.S.A.

STIMULATION TREATMENT REPO

DWL-494-J PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE 5-8-72

15-2-731

WELL NAME AND NUMBER: Huber #2	LOCATION: Sec 10-28N-51E	CUSTOMER REPRESENTATIVE: Mr. Neer	TREATMENT NUMBER: 15-2-7313
PCJ: EPU	FORMATION: Dakota #	JOB DONE DOWN: TUBING A ☐ CASING B ☒ ANNULUS C ☐	ALLOWABLE PRESSURE: TBG: CSG:
COUNTY: Roosevelt	STATE: Montana	TYPE OF WELL: OIL A ☐ GAS B ☐ WATER C ☐ INJ. Disposal D ☐	
TYPE OF SERVICE: Acid		AGE OF WELL: NEW WELL A ☐ REWORK B ☒	TOTAL DEPTH: CIRC. BHT.
CUST. NAME: Columbus Corporation		CASING SIZE: 7-	CASING DEPTH: TUBING SIZE: TUBING DEPTH:
ADDRESS: 1000 Capital Life Bldg.		LINER SIZE: LINER DEPTH: PACKER TYPE: PACKER DEPTH:	
CITY, STATE & ZIP CODE: Denver, Colorado 80202		OPEN HOLE: CSG.OR ANRL.VOL.: TBG VOLUME: STATIC BHT:	

REMARKS: Mix 7000 gal - Superax as 7000 gal - 7½% pump via Casing

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
3195					
3270					

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 0800

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG.	PRESSURE TBG.	SERVICE LOG
					Safety meeting Hook up -
					Mix Acid -
0935	4		500		START 7½% HCl - via Casing -
0947	4	47	1150		Acid on perfs -
1007	4½	135	1150		START S/W flush -
1044	4½	306	1000		Job Completed
					ISIP 900 — Max Rate = 4½
					Max psi - 1200 — Min Rate - 4
					Min psi - 925 — Avg Rate - 4.37
					Avg psi - 1100
					5 min - 300 psi

TIME LEFT LOCATION	AVG. LIQUID INJ. RATE	ADD'NL. RATE (SOLIDS INCL)	TOTAL FLUID PUMPED: OIL	WATER
1100	4.4			306
MAX. PRESSURE	AVG. PRESSURE	FINAL PUMP IN PRESSURE	SHUT IN PRESSURE: IMMEDIATE	15 MINUTES
1200	1100	1000	975	

PROPS AND LIQUIDS INJECTED

TYPE	SIZE OR PURPOSE	AMOUNT
7½%		7000 gal
L-37		14 gal -

DOWELL LOCATION: Glendive

DOWELL ENGINEER: D C Slot -

CALL BACK: DATE | CUSTOMER REP. CONTACTED | CUSTOMER CONSIDERED SERVICE: ☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN.

PROD. BEFORE TREATMENT: ☐ TEST ☐ ALLOWABLE

PROD. AFTER TREATMENT: DAYS ☐ TEST ☐ ALLOWABLE

DOWELL

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER _____

TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

{Please indicate on all remittances and send to: **1579 EAST 21 STREET TULSA, OKLAHOMA 74114**

SERVICE ORDER RECEIPT

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST

WELL NAME AND NUMBER	LOCATION AND POOL
COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE

CUSTOMER'S NAME

ADDRESS

CITY, STATE & ZIP CODE — ZIP CODE

SERVICE INSTRUCTIONS:

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER
BY

AUTHORIZED AGENT

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
			SUB TOTAL		
			Gallons License Fee		
			Gallons License Fee		
	%		Tax on $		
	%		Tax on $		
				TOTAL	$

DOWELL ENGINEER | PAYROLL INIT.

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER
BY

AUTHORIZED AGENT

DWL-260-J PRINTED IN U.S.A.

STIMULATION TREATMENT REPORT

DWL-494-J PRINTED IN U.S.A.

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

DATE: 5-8-73

WELL NAME AND NUMBER: Huber #2	LOCATION:	CUSTOMER REPRESENTATIVE: Mr. Ness	TREATMENT NUMBER: 15-05-7336
POOL: East Poplar	FORMATION: Dakota	JOB DONE DOWN: TUBING A ☐ CASING B ☒ ANNULUS C ☐	ALLOWABLE PRESSURE: TBG: CSG: 500
COUNTY: Roosevelt	STATE: Montana	TYPE OF WELL: OIL A ☐ GAS B ☐ WATER C ☐ INJ. D ☒	
TYPE OF SERVICE: Acid		AGE OF WELL: NEW WELL A ☐ REWORK B ☒	TOTAL DEPTH: CIRC. BHT:
CUST. NAME: Plumbers Oil Co		CASING SIZE: 7	CASING DEPTH: 5776
ADDRESS: 1000 Central Life Center.		LINER SIZE:	LINER DEPTH:
CITY STATE & ZIP CODE: Denver Colo.		OPEN HOLE:	CSG. OR ANNL. VOL.:
REMARKS: (Mountain Standard Time)		TBG SIZE:	TBG DEPTH:
		PACKER TYPE:	PACKER DEPTH:
		TBG VOLUME:	STATIC BHT:

FOR CONVERSION PURPOSES 24 BBLS EQUALS 1000 GALLONS

ARRIVED ON LOCATION: 1300

PERFORATED INTERVALS

DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES	DEPTH	NO. OF HOLES
3185	1	3230			
3250	6	3325			
	6				

TIME	INJECTION RATE	INJECTION BBLS IN	PRESSURE CSG.	PRESSURE TBG.	SERVICE LOG
					Pump 500 gals 28% HCl Acid in Injection Well per Operators Instructions.
					Pressure dropped on well from 1100 to 850
					Released

TIME LEFT LOCATION: 1430	AVG. LIQUID INJ. RATE:	ADJUST RATE (SOLIDS INCL.):	TOTAL FLUID PUMPED: ACID 15 BBLS WATER:	PROPS AND LIQUIDS INJECTED
MAX. PRESSURE: 500	AVG. PRESSURE:	FINAL PUMP IN PRESSURE: 500	SHUT IN PRESSURE: IMMEDIATE / 15-MINUTES	TYPE: HCl / SIZE OR PURPOSE: 28% / AMOUNT: 500 GALS.
DOWELL LOCATION: Williston, N. Dak.	DOWELL ENGINEER: C. G. White			

CALL BACK: DATE | CUSTOMER REP. CONTACTED | CUSTOMER CONSIDERED SERVICE: ☐ SATISFACTORY ☐ UNSATISFACTORY ☐ UNKNOWN

PROD. BEFORE TREATMENT: ☐ TEST ☐ ALLOWABLE

PROD. AFTER TREATMENT: DAYS ☐ TEST ☐ ALLOWABLE

DOWELL

DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

CUSTOMER

SERVICE AND INVOICE NUMBER 5-25-1336

TERMS: NET 30. ADD LEGAL INTEREST THEREAFTER.

Please indicate on all remittances and send to: 1579 EAST 21 STREET TULSA, OKLAHOMA 74114

SERVICE ORDER RECEIPT

DATE	CUSTOMER ORDER NO.	SHIPPED VIA	SERVICE FROM DOWELL STATION	OUTPOST
- 23		Dowell	Williston	

WELL NAME AND NUMBER	LOCATION AND POOL
	East Poplar

COUNTY, CITY (IF WITHIN CITY LIMITS) & STATE	TYPE OF SERVICE
Mont.	Acid

CUSTOMER'S NAME: Columbus Oil Co.

ADDRESS: Continental Life Center, Denver

CITY, STATE & ZIP CODE: Colo. ZIP CODE:

SERVICE INSTRUCTIONS: Pump 13 BBLS. 28% Acid in Injection ... instructions

SERVICE ORDER

IMPORTANT: SEE OTHER SIDE FOR TERMS & CONDITIONS

I have read, understood and agreed to the terms & conditions printed on the reverse side hereof and represent that I have full authority to accept same and sign this order.

CUSTOMER

BY ______ AUTHORIZED AGENT

ITEM NO.	QUANTITY	UNIT	Material, Equipment and Services Used	Unit Price	AMOUNT
		hr	T.D. Pumper	190.00	190.00
		gal	28% Hcl Acid	.73	365.00
	2	gal	J-170 Inhibitor	8.50	17.00
		mi.	Mileage Pump Truck	.95	32.25
					604.25
			SUB TOTAL		
			Gallons License Fee		
			Gallons License Fee		
	%		Tax on $		
	%		Tax on $		
			TOTAL		$

pressure dropped on well from 1100 to 850

DOWELL ENGINEER | PAYROLL INIT.

RECEIPT: THE UNDERSIGNED HEREBY CERTIFIES THAT THE MATERIALS AND EQUIPMENT LISTED ABOVE WERE RECEIVED AND THE SERVICES WERE PERFORMED IN A WORKMANLIKE MANNER.

CUSTOMER

BY ______ AUTHORIZED AGENT

DWL-260-J PRINTED IN U.S.A.

HALLIBURTON SERVICES

A DIVISION OF HALLIBURTON COMPANY
FORM 1906-R1

SEND ALL REMITTANCES TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGE 1 OF _____ PAGES

INVOICE & TICKET NO. 213345

WELL NO. AND FARM	COUNTY	STATE	DATE
#2 Huber	Roosevelt	MONTANA	11-20-71

OWNER	CONTRACTOR	DUNCAN USE ONLY
The Columbus Corp.	Prather Well Service	

CHARGE TO	DELIVERED TO	LOCATION 1	CODE
The Columbus Corp.		Glendive	55530

ADDRESS	SHIPPED VIA	LOCATION 2	CODE
1000 Capitol Life Bldg. Denver Colo.			

DUNCAN USE ONLY

CUST. INV. REQ. ORIG. &	REQUISITION	LOCATION 3	CODE
☐ 1 ☐ 2 ☐ 3 ☐ 4	ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-104992	
NO. COPIES	TOTAL ACID - 30 DAYS	WELL TYPE	CODE

TYPE AND PURPOSE OF JOB: Squeeze

TERMS: DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.
$_____ Cash discount allowed if paid by due date.
$_____ Tax adjustment may be deducted if discounted.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L	CODE D	DESCRIPTION	UNITS 1 QTY.	UNITS 1 MEAS.	UNITS 2 QTY.	UNITS 2 MEAS.	UNIT PRICE	AMOUNT
				11-18-71						
P-011-056				Pumping Charge	1 Truck					228 00
P-000-117				Mileage	100 Miles				.90	90 00
				11-19-71						
P-009-159				Pumping Charge	3350	Ft.	4500	PSI		662 00
				11-20-71						
P-009-159				Pump Charge	3350	Ft.	4500	PSI		162 00
505-046				Mileage Charge Cement	100	Sks			1.74	194 00
318-501				20-40 Sand (NOT-mixed)	2	Sks.			2.89	5 78
				SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.				
500-207				SERVICE CHARGE	100	CU. FT.			.43	43 00
506-314				9600 TOTAL WEIGHT 125 LOADED MILES	600	TON MILES			28	168 00

THIS IS NOT AN INVOICE

TAX REFERENCES

SUB TOTAL

TAX

TAX

TAX

TOTAL 2102 78

WAS JOB SATISFACTORILY COMPLETED? _____
WAS OPERATION OF EQUIPMENT SATISFACTORY? _____
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? _____

X Ted Rees
Customer or His Agent

O. T. Gullickson
Halliburton Operator

CUSTOMER

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

FORM 1908 R-1

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 213345

DISTRICT Glendive DATE 11-18-71

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: The Columbus Corp. (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Huber SEC. ____ TWP. ____ RANGE ____

FIELD E. Poplar COUNTY Roosevelt STATE Montana OWNED BY The Columbus Corp.

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME ____ TYPE ____

FORMATION THICKNESS ____ FROM ____ TO ____

PACKER: TYPE Baker Full Bore SET AT 3237

TOTAL DEPTH ____ MUD WEIGHT ____

BORE HOLE ____

INITIAL PROD: OIL ____ BPD, H_2O ____ BPD, GAS ____ MCF

PRESENT PROD: OIL ____ BPD, H_2O ____ BPD, GAS ____ MCF

	NEW/USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING		23#	7"		5782	
LINER						
TUBING		6½	2½		3237	
OPEN HOLE						SHOTS/FT.
PERFORATIONS					3356	
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE ____ TYPE ____ MATERIALS ____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED ____

Squeeze

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.

(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.

(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall, in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.

(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

(j) Upon Customer's default in the payment of Customer's account 60 days after receipt of invoice, such account will be subject to interest after date of invoicing until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.

(k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Ted Vees
CUSTOMER

DATE 11-18-71

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

TIME 1:00 ☐ P.M.

CUSTOMER

HALLIBURTON SERVICES

JOB SUMMARY

FORM 2012

HALLIBURTON DIVISION Denver

HALLIBURTON LOCATION Glendive

BILLED ON TICKET NO. 213345

WELL DATA

FIELD E. Poplar SEC. TWP. RNG. COUNTY Roosevelt STATE Montana

FORMATION NAME TYPE

FORMATION THICKNESS FROM TO

INITIAL PROD: OIL BPD. WATER BPD. GAS MCFD

PRESENT PROD: OIL BPD. WATER BPD. GAS MCFD

COMPLETION DATE MUD TYPE MUD WT.

PACKER TYPE Baker Full Bore SET AT 3237

BOTTOM HOLE TEMP. PRESSURE

MISC. DATA

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING		7"		5782	23#	
LINER						
TUBING		2⅜		3237	6.5#	
OPEN HOLE					TOTAL DEPTH:	
PERFORATIONS				3350		SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-18	DATE 11-18	DATE 11-18	DATE
TIME 0600	TIME 1030	TIME 1430	TIME

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
Gullickson		8750	Glendive Mont.
Ritter		61-C-2	
Charles			
Estes			

MATERIALS

TREAT. FLUID DENSITY LB/GAL. API

DISPL. FLUID DENSITY LB/GAL. API

PROP. TYPE SIZE LB.

PROP. TYPE SIZE LB.

ACID TYPE GAL. %

ACID TYPE GAL. %

ACID TYPE GAL. %

SURFACTANT TYPE GAL. IN

NE AGENT TYPE GAL. IN

FLUID LOSS ADD. TYPE GAL.-LB IN

GELLING AGENT TYPE GAL.-LB. IN

FRIC. RED. AGENT TYPE GAL.-LB. IN

BREAKER TYPE GAL.-LB IN

BLOCKING AGENT TYPE GAL.-LB

PERFPAC BALLS TYPE QTY.

OTHER

OTHER

DEPARTMENT Cement

DESCRIPTION OF JOB Squeeze

JOB DONE THRU: TUBING ☒ CASING ☐ ANNULUS ☐ TBG./ANN. ☐

CUSTOMER REPRESENTATIVE X Ted Nees

HALLIBURTON OPERATOR O.T. Gullickson COPIES REQUESTED

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK ~~SACKED~~	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
	100.	Reg	G	Permanente			1.15	15.8

SUMMARY

PRESSURES IN PSI

CIRCULATING DISPLACEMENT

BREAKDOWN MAXIMUM 1000

AVERAGE FRACTURE GRADIENT

SHUT-IN: INSTANT 5-MIN. 15-MIN.

HYDRAULIC HORSEPOWER

ORDERED AVAILABLE USED

AVERAGE RATES IN BPM

TREATING DISPL. 1 OVERALL

CEMENT LEFT IN PIPE

FEET REASON

VOLUMES

PREFLUSH: BBL.-GAL. TYPE

LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL.

TREATMENT: BBL.-GAL. DISPL: BBL.-GAL. 245

CEMENT SLURRY: BBL.-GAL. 20.4

TOTAL VOLUME: BBL.-GAL.

REMARKS

CUSTOMER

CUSTOMER The Ky. Pol. Gas Co. LEASE Huber WELL NO. 2 JOB TYPE Squeeze DATE 11-19-71

HALLIBURTON SERVICES

BULK MATERIAL DELIVERY TICK

NO. B 104992

FORM 1911 R-1

DATE	CUSTOMER ORDER NO.	WELL NO. AND FARM	COUNTY	STATE
11-17-71				

OWNER	CONTRACTOR	DELIVERED FROM	CODE	SERVICE TICKET NO.
		Glendive, Mont.	55550	

CHARGE TO	DELIVERED TO
E. A. Polumbus Jr.	E. A. Polumbus Jr.
MAILING ADDRESS: 220 C. A. Johnson Bldg.	PREPARED BY: M. [illegible]. Hickman
CITY & STATE: Denver, Colorado	RECEIVED BY

TRUCK NUMBER	PRICE REFERENCE	SECONDARY REFERENCE	BRAND AND TYPE	1 UNITS *	2 UNITS	UNIT PRICE	AMOUNT
7755	505-040		Permanente Class "G" Cement f-Mont. City,	100		1.94	194 00
	318-508		20-40 SAND (NET MIXED)			289	5 78
			SERVICE CHARGE ON MATERIALS RETURNED			CU. FT.	
	500-207		SERVICE CHARGE	100		CU. FT. .43	43 00
	500-314		MILEAGE CHARGE 9,400 TOTAL WEIGHT 125 LOADED MILES 600.00			TON MILES .28	168 00
						TOTAL	

* SACKS UNLESS OTHERWISE INDICATED

THIS IS NOT AN INVOICE

CUSTOMER

HALLIBURTON SERVICES

JOB LOG

TICKET NO. 213345

CUSTOMER E.A. Polumbus JR. PAGE NO.

JOB TYPE DATE 11-18

FORM 2013

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	1430		17			700		SPOT 2 SKS. 20-40 - SAND ON-
								TOP MOD. D.
	1500		1				600	PRESSURE CASING
	1505		2½			1500	1000	PUMP INTO FORMATION
								CSG. PRESSURE INCREASED SO
								SET PACKER 8 FT. ABOVE SAND
	1530					2000		& TESTED TO - 2000 - PSI - D/D NOT HOLD
								11-19-61
	0930					1000		PRESSURE CASING.
	0945					2000		PRESSURE PACKER ABOVE MOD. D
	1030					2000		PRESSURED - TUBING. -
								PRESSURE BLED OFF SO. CAME
								OUT OF HOLE & FOUND BAD JOINT
								RUN TUBING TO - BOTTOM TO - SQUEEZE
	1430						1000	PRESSURE CASING
	1435		2½			1250	800	PUMP INTO FORMATION
	1437					1000	800	MIX-CEMENT
	1446					650	800	START DISPLACING
	1443					700	800	CEMENT STARTING IN FORMATION
	1446					500	700	SLOW - RATE TO - 1 - BPM
	1500					1000	500	SHUT DOWN - JOB COMPLETE

CUSTOMER

HALLIBURTON
SERVICES

A DIVISION OF HALLIBURTON COMPANY
FORM 1906-R1

SEND ALL REMITTANCES TO
P. O. DRAWER 1431
DUNCAN, OKLAHOMA 73533

PAGE 1 OF 1 PAGES

INVOICE & TICKET NO. 413419

WELL NO. AND FARM: 1 Huber	COUNTY: Kiezeorlf	STATE: Utah	DATE: 11-21-71
OWNER: The Pelumbus Corp	CONTRACTOR: Panther		DUNCAN USE ONLY
CHARGE TO: The Pelumbus Corp	DELIVERED TO: Loc.	LOCATION 1: Glendive	CODE: 55530
ADDRESS: 400 Capitol Life Bldg Denver Colo	SHIPPED VIA: Co Equip	LOCATION 2	CODE
DUNCAN USE ONLY	CUST. INV. REQ. ORIG. & ☐ 1 ☐ 2 ☐ 3 ☐ 4	REQUISITION	LOCATION 3 / CODE
		ORDER NO.	BULK MATERIAL DELIVERY TICKET NO. B-114997
	NO. COPIES	TOTAL ACID - 30 DAYS	WELL TYPE: Oil Wildcat CODE: 03

TYPE AND PURPOSE OF JOB: Squeeze

TERMS: DUE BY THE 20TH OF FOLLOWING MONTH. INTEREST CHARGED AFTER 60 DAYS FROM DATE OF INVOICE.
$______ Cash discount allowed if paid by due date.
$______ Tax adjustment may be deducted if discounted.

PRICE REFERENCE	SECONDARY REF. OR PART NO.	CODE L	CODE D	DESCRIPTION	UNITS 1 QTY.	UNITS 1 MEAS.	UNITS 2 QTY.	UNITS 2 MEAS.	UNIT PRICE	AMOUNT
5009-159				Pump Charge	3150	ft.				662 00
0000-117				Mileage	100	mile			.90	90 00
505-040				Prem Class G Cement					1.74	174 00
				SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.				
500-207				SERVICE CHARGE	100	CU. FT.			.43	43 00
500-314				9,400 TOTAL WEIGHT 125 LOADED MILES	587.50	TON MILES			.22	144 50

THIS IS NOT AN INVOICE

TAX REFERENCES

SUB TOTAL
TAX
TAX
TAX
TOTAL 1153 50

WAS JOB SATISFACTORILY COMPLETED? ______
WAS OPERATION OF EQUIPMENT SATISFACTORY? ______
WAS PERFORMANCE OF PERSONNEL SATISFACTORY? ______

X Ted Klees
Customer or His Agent

Estes
Halliburton Operator

CUSTOMER

HALLIBURTON SERVICES

JOB LOG

TICKET NO. 413419

CUSTOMER Columbus PAGE NO. 1

JOB TYPE Squeeze DATE 11-21-71

FORM 2013

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS T	PUMPS C	PRESSURE (PSI) TUBING	PRESSURE (PSI) CASING	DESCRIPTION OF OPERATION AND MATERIALS
	400		3	1			1000	Fill T Run Csg
		2	8	1		1450		Inj Rate
		3	20 B			1500		Mix Cem
		3	10			1000		Disp W/ Water
		1	15			1500		"
			20			1400		"
			21			1400		"
			21½			1400		Sting
						1000		dwn
			22			1400		Start
			22½			1400		Sting
						1000		dwn
	455					100		5 min Shut In
	500							Job Complete

CUSTOMER

HALLIBURTON SERVICES

BULK MATERIAL DELIVERY TICK

NO. B 104997

FORM 1911 R-1

DATE	CUSTOMER ORDER NO.	WELL NO. AND FARM	COUNTY	STATE
12-21-71		#2 Huber	Roosevelt	Mont.

OWNER	CONTRACTOR	DELIVERED FROM	CODE	SERVICE TICKET NO.
The Polumbus Corp.	Prather	Glendive, Mont.	55530	

CHARGE TO	DELIVERED TO
The Polumbus Corp.	The Polumbus Cop.
MAILING ADDRESS: 1000 Capitol Life Bldg.	PREPARED BY: M. R. Hickman
CITY & STATE: Denver, Colo.	RECEIVED BY: T. Allison

TRUCK NUMBER	PRICE REFERENCE	SECONDARY REFERENCE	BRAND AND TYPE	1 UNITS *	2 UNITS	UNIT PRICE	AMOUNT
7933	505-040	Permanente Class "O" Cement f-Mont. City,		100		1.94	194 00
			SERVICE CHARGE ON MATERIALS RETURNED		CU. FT.		
	500-207		SERVICE CHARGE	100	CU. FT.	.43	43 00
	500-314		MILEAGE CHARGE 9.400 TOTAL WEIGHT 125 LOADED MILES 587.50		TON MILES	.28	164 50
						TOTAL	401 50

* SACKS UNLESS OTHERWISE INDICATED

CUSTOMER

HALLIBURTON SERVICES
A Division of Halliburton Company
DUNCAN, OKLAHOMA 73533

FORM 1908 R-1

WORK ORDER CONTRACT AND PRE-TREATMENT DATA

ATTACH TO INVOICE & TICKET NO. 41324

DISTRICT Gladstone

DATE 11-21-71

TO: HALLIBURTON SERVICES YOU ARE HEREBY REQUESTED TO FURNISH EQUIPMENT AND SERVICEMEN TO DELIVER AND OPERATE THE SAME AS AN INDEPENDENT CONTRACTOR TO: Pelican Gas (CUSTOMER) AND DELIVER AND SELL PRODUCTS, SUPPLIES, AND MATERIALS FOR THE PURPOSE OF SERVICING

WELL NO. 2 LEASE Hubert SEC. _____ TWP. _____ RANGE _____

FIELD EPL COUNTY Beaver STATE Utah OWNED BY Pelican Gas

THE FOLLOWING INFORMATION WAS FURNISHED BY THE CUSTOMER OR HIS AGENT

FORMATION NAME _____ TYPE _____

FORMATION THICKNESS _____ FROM _____ TO _____

PACKER: TYPE _____ SET AT _____

TOTAL DEPTH _____ MUD WEIGHT _____

BORE HOLE _____

INITIAL PROD: OIL _____ BPD, H_2O _____ BPD, GAS _____ MCF

PRESENT PROD: OIL _____ BPD, H_2O _____ BPD, GAS _____ MCF

	NEW USED	WEIGHT	SIZE	FROM	TO	MAX. ALLOW. P.S.I.
CASING						
LINER						
TUBING	2		2 3/8	?	3050	
OPEN HOLE						SHOTS/FT.
PERFORATIONS			3150			
PERFORATIONS						
PERFORATIONS						

PREVIOUS TREATMENT: DATE _____ TYPE _____ MATERIALS _____

TREATMENT INSTRUCTIONS: TREAT THRU TUBING ☐ ANNULUS ☐ CASING ☐ TUBING/ANNULUS ☐ HYDRAULIC HORSEPOWER ORDERED _____

Squeeze Perf

CUSTOMER OR HIS AGENT STATES THE WELL IS IN PROPER CONDITION TO RECEIVE THE PRODUCTS, SUPPLIES, MATERIALS, AND SERVICES

THIS CONTRACT MUST BE SIGNED BEFORE WORK IS COMMENCED

As consideration, the above-named Customer agrees:

(a) To pay Halliburton in accord with the rates and terms stated in Halliburton's current price lists.

(b) Halliburton shall not be responsible for and Customer shall secure Halliburton against any liability for damage to property of Customer and of the well owner (if different from Customer), unless caused by the willful misconduct or gross negligence of Halliburton, this provision applying to but not limited to subsurface damage and surface damage arising from subsurface damage.

(c) Customer shall be responsible for and secure Halliburton against any liability for reservoir loss or damage, or property damage resulting from subsurface pressure, losing control of the well and/or a well blowout, unless such loss or damage is caused by the willful misconduct or gross negligence of Halliburton.

(d) Customer shall be responsible for and secure Halliburton against any and all liability of whatsoever nature for damages as a result of subsurface trespass, or an action in the nature thereof, arising from a service operation performed by Halliburton hereunder.

(e) Customer shall be responsible for and secure Halliburton against any liability for injury to or death of persons, other than employees of Halliburton, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole, unless such damage shall be caused by the willful misconduct or gross negligence of Halliburton.

(f) Halliburton makes no guarantee of the effectiveness of the products, supplies or materials, nor of the results of any treatment or service.

(g) Customer shall, at its risk and expense, attempt to recover any Halliburton equipment, tools or instruments which are lost in the well and if such equipment, tools or instruments are not recovered, Customer shall pay Halliburton its replacement cost unless such loss is due to the sole negligence of Halliburton. If Halliburton equipment, tools or instruments are damaged in the well, Customer shall pay Halliburton the lesser of its replacement cost or the cost of repairs unless such damage is caused by the sole negligence of Halliburton. In the case of equipment, tools or instruments for marine operations, Customer shall in addition to the foregoing, be fully responsible for loss of or damage to any of Halliburton's equipment, tools or instruments which occurs at any time after delivery to Customer at the landing until returned to the landing, unless such loss or damage is caused by the sole negligence of Halliburton.

(h) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, Halliburton is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by Halliburton. Halliburton personnel will use their best efforts in gathering such information and their best judgment in interpreting it, but Customer agrees that Halliburton shall not be responsible for any damages arising from the use of such information except where due to Halliburton's gross negligence or willful misconduct in the preparation or furnishing of it.

(i) Halliburton warrants only title to the products, supplies and materials and that the same are free from defects in workmanship and materials. THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. Halliburton's liability and Customer's exclusive remedy in any cause of action (whether in contract, tort, breach of warranty or otherwise) arising out of the sale or use of any products, supplies or materials is expressly limited to the replacement of such products, supplies or materials on their return to Halliburton or, at Halliburton's option, to the allowance to the Customer of credit for the cost of such items. In no event shall Halliburton be liable for special, incidental, indirect, punitive or consequential damages.

(j) Upon Customer's default in the payment of Customer's account 60 days after receipt of invoice, such account will be subject to interest after date of invoicing until paid. In the event it becomes necessary to employ an attorney to enforce collection of such account, Customer agrees to pay all collection costs and attorney fees in the amount of 20 per cent of the amount of the unpaid account.

(k) Halliburton shall not be bound by any changes or modifications in this contract, except where such change or modification is made in writing by a duly authorized executive officer of Halliburton.

I HAVE READ AND UNDERSTAND THIS CONTRACT AND REPRESENT THAT I AM AUTHORIZED TO SIGN THE SAME AS CUSTOMER'S AGENT.

SIGNED Ted Wells
CUSTOMER

DATE 11-21-71

TIME 4:00 A.M. P.M.

We certify that the Fair Labor Standards Act of 1938, as amended, has been complied with in the production of goods and/or with respect to services furnished under this contract.

CUSTOMER

HALLIBURTON SERVICES

JOB SUMMARY

FORM 2012

HALLIBURTON DIVISION: TENNER

HALLIBURTON LOCATION: Glendive

BILLED ON TICKET NO. 413479

CUSTOMER: Gulf Res Corp

LEASE: Huber

WELL NO.: #2

JOB TYPE: Squeeze

DATE: 11-21-71

WELL DATA

FIELD: EPH SEC. TWP. RNG. COUNTY: Roosevelt STATE: Mont.

FORMATION NAME: TYPE:

FORMATION THICKNESS: FROM: TO:

INITIAL PROD: OIL BPD, WATER BPD, GAS MCFD

PRESENT PROD: OIL BPD, WATER BPD, GAS MCFD

COMPLETION DATE: MUD TYPE: MUD WT.

PACKER TYPE: SET AT:

BOTTOM HOLE TEMP.: PRESSURE:

MISC. DATA:

	NEW USED	SIZE	FROM	TO	WEIGHT	MAXIMUM PSI ALLOWABLE
CASING		7"	0	3350	PB	
LINER						
TUBING		2½	0	3050		
OPEN HOLE					TOTAL DEPTH:	
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.
PERFORATIONS						SHOTS/FT.

JOB DATA

CALLED OUT	ON LOCATION	JOB STARTED	JOB COMPLETED
DATE 11-21	DATE 11-21	DATE 11-21	DATE 11-21
TIME 1100	TIME 1530	TIME 1600	TIME 1700

TOOLS AND ACCESSORIES

TYPE AND SIZE	QTY.	MAKE
FLOAT COLLAR		
FLOAT SHOE		
GUIDE SHOE		
CENTRALIZERS		
BOTTOM PLUG		
TOP PLUG		
HEAD		
PACKER		
OTHER		

PERSONNEL AND SERVICE UNITS

NAME	EMPL. NO.	UNIT NO. & TYPE	LOCATION
Estes		7737	Glendive
Brown		580	Mont.
Semple		7733 Bulk	"

MATERIALS

TREAT. FLUID: DENSITY LB/GAL. API

DISPL. FLUID: DENSITY LB/GAL. API

PROP. TYPE: SIZE LB.

PROP. TYPE: SIZE LB.

ACID TYPE: GAL. %

ACID TYPE: GAL. %

ACID TYPE: GAL. %

SURFACTANT TYPE: GAL. IN

NE AGENT TYPE: GAL. IN

FLUID LOSS ADD. TYPE: GAL. LB. IN

GELLING AGENT TYPE: GAL. LB. IN

FRIC. RED. AGENT TYPE: GAL. LB. IN

BREAKER TYPE: GAL. LB. IN

BLOCKING AGENT TYPE: GAL. LB.

PERFPAC BALLS TYPE: QTY.

OTHER:

OTHER:

DEPARTMENT: Cement

DESCRIPTION OF JOB: Squeeze Perf

JOB DONE THRU: TUBING [X] CASING [ ] ANNULUS [ ] TBG./ANN. [ ]

CUSTOMER REPRESENTATIVE: X Ted Lees

HALLIBURTON OPERATOR: Estes

COPIES REQUESTED:

CEMENT DATA

STAGE	NUMBER OF SACKS	TYPE	API CLASS	BRAND	BULK SACKED	ADDITIVES	YIELD CU.FT./SK.	MIXED LBS./GAL.
1	100	Reg	G	PER	BK		1.18	15.6

SUMMARY

PRESSURES IN PSI

CIRCULATING: DISPLACEMENT:

BREAKDOWN: MAXIMUM:

AVERAGE: FRACTURE GRADIENT:

SHUT-IN: INSTANT: 5-MIN.: 15-MIN.:

HYDRAULIC HORSEPOWER

ORDERED: AVAILABLE: USED:

AVERAGE RATES IN BPM

TREATING: DISPL.: OVERALL:

CEMENT LEFT IN PIPE

FEET 25 REASON Reg

VOLUMES

PREFLUSH: BBL.-GAL. TYPE:

LOAD & BKDN: BBL.-GAL. PAD: BBL.-GAL.

TREATMENT: BBL.-GAL. DISPL: BBL.-GAL. 22½

CEMENT SLURRY: BBL.-GAL. 20.8

TOTAL VOLUME: BBL.-GAL.

REMARKS

CUSTOMER

Operator

Rigman

Legal Description

WIRELINE, INC.

RADIOACTIVITY LOGGING

PERFORATING

Contract No 8827

Charge to Palomino Corp.

Invoice Address 1300 Capitol Life Bldg

City Denver, Colorado 80203

Ship to (or well no.) Huber #2

Address (or field) East Poplar County Roosevelt

VIA H-75 State Montana

Invoice No.

Invoice Date

Customer's Order No.

Date Shipped 11-18-

District

Operating Base

TO WIRELINE, INC. In consideration of the furnishing of your Logging, Packer service herein set forth, the undersigned agrees as follows: to-wit:

The undersigned, hereinafter referred to as the customer, agrees to pay you the amount of your published prices for said services at your ______ office. Should the amount due be not paid within the term fixed by the invoice, interest at six percent, from the date of invoice, will be charged and if placed with attorney for collection, the undersigned agrees to pay attorney's fees of twenty per cent of the invoice amount or the minimum of $75.00.

The customer certifies that he is the owner of the well on which the work is to be done and that said well is in proper and suitable condition for the performance of said work and that all depth measurements shall be made under his supervision.

Because of the hazards existing in the performance of the work ordered, the customer agrees that you do not guarantee the results of your services, and that you are not to be held liable for injury to persons or property arising in the performance of said service.

The customer agrees to reimburse you for the reasonable value of any of your instruments, tools or equipment lost or damaged in the rendition of your service.

Customer agrees that the foregoing constitutes the entire agreement and that your employees have no authority to alter terms hereof.

To Be Paid By ______ By ______

(print correct name) (signature of customer or authorized representative)

DESCRIPTION	PRICE	AMOUNT	TOTAL	A/C	COST
run Gamma Ray Correlation log					
As directed by Mr. Noss					
Service Charge					
Depth Charge from Surface to 3440 feet					
Logging Charge feet					
Service Charge For Perf.					
Type perforate 4					
Holes through casing at 4 holes per foot at the following depths as					
Directed by Mr. Noss					
holes @ 3350'					
Set one Baker Model D Prod.					
Packer in 7" 23# Csg @ 3410'					
Directed By Mr Noss					

REMARKS	THRU TUBING	CASING	OPEN HOLE
		7"	

TOOL	TYPE	SIZE Gun	SIZE Bullet	RUNS	LOADS	SHOTS	HOLES	MISSES D	MISSES G	MISSES L	MISSES C
PERF.		4		1		4	4				
		1½		1							
		20		1							

I certify that the above ordered services and/or products have been received

(customer or authorized representative)

PRODUCTION &
INJECTION DATA

	Initials	Date
Prepared By		
Approved By		

(9)

WELL EQUIPMENT INVENTORY

Equipment	Make	Type, Size and/or Description	Number or Feet	Value
Pumping Unit				
Electric Motor or Engine				
Electrical Control[a]				
Tubing Head	Cameron	Series 900		C
Casing Head	Cameron	Series 900		C
Tubing		2-3/8" CS Hydrill	3410	C
Rods				
Casing		7" 23# J-55	5778	NA
Flow Line[b]		2-7/8" EUE 8rd Tubing	1500	C
Treater		(See Huber #1 Sheet)		
Heater				
Separator				
Tank[c]		(See Huber #1 Sheet)		
Meters[d]				
Electrical System[e]				

Buildings and Miscellaneous: See Huber #1 Sheet

HUBER LEASE - 1 - 85 x 85 Lined overflow Pit (Fenced) - NV

1 - 12 x 12 Storage Building, Metal covered - NV

1 - 16 x 16 pump house building, Metal covered NV

[redacted]

Tot. Est. Salvage Value: $3,000

NOTES:
(a) Including protective devices, time clock, etc.
(b) Including length, size and type.
(c) Including size, thickness, cone or flat bottomed, plain or galvanized.
(d) Gas or oil.
(e) If company owned, include transformers and equipment for electrical distribution system.

Lease & Well No.: ~~Huber #1~~ Huber # 2 State: Montana

Field: Dart Basin County: Roosevelt

SAM 300